

03/04/14 Agenda:

- Answer Keys
- Update Properties Book
 - Whatever is missing (pages 1-8)
- Review Homework
 - Worksheet 10 - Trapezoids
- Sections 8.2-8.5 - Review of Special Quadrilaterals
- Fill in properties chart
- Homework
 - Worksheet 11 - Review of Special Quadrilaterals

PROPERTIES OF QUADRILATERALS				SIDES				ANGLES				DIAGONALS							
Quadrilateral	Both Pairs of Opposite Sides PARALLEL	Both Pairs of Opposite Sides CONGRUENT	Exactly One Pair of Opposite Sides are PARALLEL	Exactly One Pair of Opposite Sides are CONGRUENT	ALL Sides are CONGRUENT	2 Disjoint Pairs of Sides are CONGRUENT	ALL Angles are CONGRUENT	Opposite ANGLES are CONGRUENT	One Pair of Opposite ANGLES are CONGRUENT	All Consecutive ANGLES are CONGRUENT	Two Pairs of Opposite ANGLES are CONGRUENT	Base Angles are SUPPLEMENTARY	Has a RIGHT angle	Diagonals are CONGRUENT	Diagonals are CONGRUENT	One Diagonal bisects each other	Diagonals are PERPENDICULAR	One Diagonal bisects One Pair of Angles	Diagonals BISECT the ANGLES
Parallelogram	X	X						X	X					X					
Rectangle	X	X					X	X	X			X	X	X					
Rhombus	X	X		X			X	X	X					X		X			X
Square	X	X		X			X	X	X			X	X	X		X			X
Trapezoid			X							X									
Isosceles Trapezoid			X	X						X	X		X						
Kite					X			X							X	X	X		

$$\text{Sum}_{\text{INTERIOR}} = (n-2) \cdot 180$$

$$1 \text{ REGULAR INTERNAL } \angle = \frac{(n-2) \cdot 180}{n}$$

$$\text{Sum}_{\text{EXTERIOR}} = 360^\circ$$

$$1 \text{ REGULAR EXTERNAL } \angle = \frac{360^\circ}{n}$$

$$\text{INTERIOR ANGLE} + \text{EXTERIOR ANGLE} = 180^\circ$$

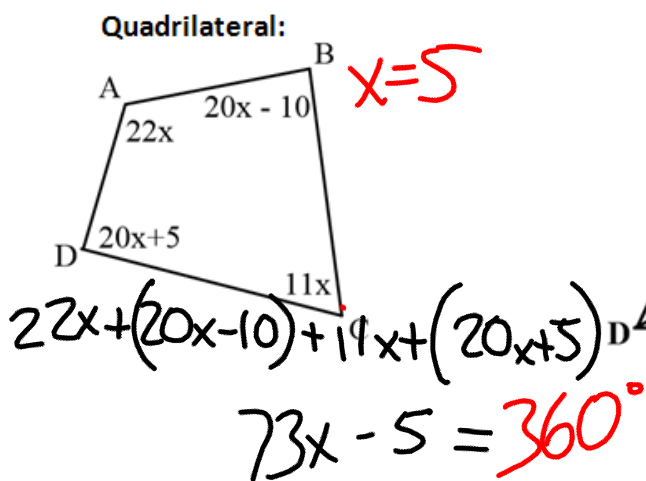
TEST FOR PARALLELOGRAM
ONE PAIR OPPOSITE SIDES IS
BOTH PARALLEL AND CONGRUENT

Sections 8.2-8.5 - Review of Special Quadrilaterals

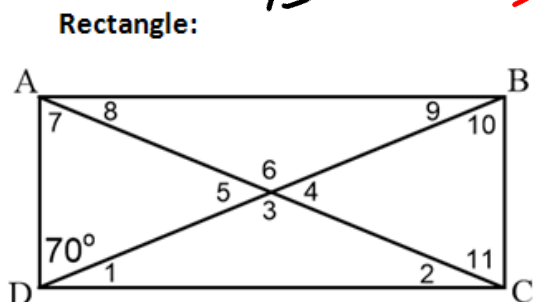
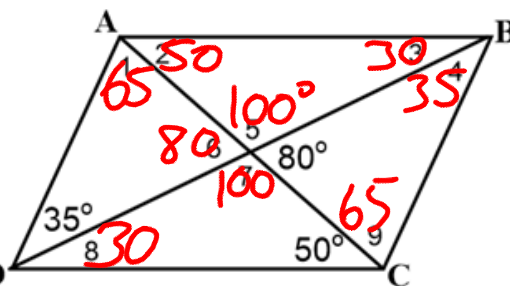
Targets 8c, 8D, & 8E

March 4, 2014

Review of Special Quadrilaterals – Find all the missing angles in the following shapes:



Parallelogram:



Rhombus:

